

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6848049".pn.	USPAT	OR	OFF	2006/09/05 09:02
L2	1	1 and certificate	USPAT	OR	OFF	2006/09/05 09:37
L3	1	"5,761,309".pn.	USPAT	OR	OFF	2006/09/05 09:02
L4	1012254	(IC or \$card or card)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/05 09:05
L5	265	4 near3 (authenticat\$ verif\$) near3 certificate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/05 09:06
L6	16	4 near3 (authenticat\$ verif\$) near3 certificate near3 terminal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/05 09:06
L7	1	1 and (discard\$ reject\$)	USPAT	OR	ON	2006/09/05 09:37
S1	1	"4877945".pn.	USPAT	OR	OFF	2004/03/30 10:23
S2	0	S1 and advantag\$	USPAT	OR	OFF	2004/03/30 10:56
S3	59	card WITH mutual WITH authentication	USPAT	OR	OFF	2004/03/30 10:47
S4	60	card WITH mutual WITH authentication	USPAT	OR	ON	2004/03/30 10:47
S5	3	S4 same certificate	USPAT	OR	ON	2004/03/30 11:04
S6	2	S5 and advantag\$	USPAT	OR	OFF	2004/03/30 11:29
S7	0	S5 same session	USPAT	OR	ON	2004/03/30 11:04
S8	2	S5 and session	USPAT	OR	ON	2004/03/30 11:04
S9	1	"5869825".pn.	USPAT	OR	OFF	2004/03/30 11:29
S10	1	S9 and ticket\$	USPAT	OR	OFF	2004/03/30 11:36
S11	0	S9 and online	USPAT	OR	OFF	2004/03/30 11:36
S12	0	S9 and off near line3	USPAT	OR	OFF	2004/03/30 11:36
S13	1	S9 and off near line	USPAT	OR	OFF	2004/03/30 11:36
S14	9	713/173.cor.	USPAT	OR	OFF	2004/03/30 11:59
S15	573	713/200.cor.	USPAT	OR	OFF	2004/03/30 12:01
S16	54	S15 and (smart near card)	USPAT	OR	ON	2004/03/30 12:01
S17	532	713/201.cor.	USPAT	OR	OFF	2004/03/30 12:05
S18	66	S17 and (smart near card)	USPAT	OR	ON	2004/03/30 12:01
S19	34	705/65.cor.	USPAT	OR	OFF	2004/03/30 12:06
S20	33	705/67.cor.	USPAT	OR	OFF	2004/03/30 12:06
S21	43	713/172.cor.	USPAT	OR	OFF	2006/09/05 09:01

## EAST Search History

S22	19	grieu near francois	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2004/03/25 10:45
S23	7	didier near stephane	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2004/03/25 10:46
S24	150	contactless near card	USPAT	OR	OFF	2004/03/25 10:51
S25	19	(contactless near card) and ticket\$	USPAT	OR	OFF	2004/03/25 10:51
S26	10	((contactless near card) and ticket\$) and record\$	USPAT	OR	OFF	2004/03/25 10:51
S27	208	contactless near card	USPAT	OR	ON	2004/03/25 10:51
S28	28	(contactless near card) and ticket\$	USPAT	OR	ON	2004/03/25 10:59
S29	18	((contactless near card) and ticket\$) and record\$	USPAT	OR	ON	2004/03/25 10:53
S30	1	((((contactless near card) and ticket\$) and record\$) and (forego or void\$)	USPAT	OR	ON	2004/03/25 12:12
S31	14	((((contactless near card) and ticket\$) and record\$) and without	USPAT	OR	ON	2004/03/25 10:53
S32	3	(contactless near card) and (remote near ticket\$)	USPAT	OR	ON	2004/03/25 11:06
S33	5641	smart near card	USPAT	OR	ON	2004/03/25 11:06
S34	380	(smart near card) WITH (antenna or RF or frequency)	USPAT	OR	ON	2004/03/25 11:08
S35	1	((smart near card) WITH (antenna or RF or frequency)) and (remote near ticket\$)	USPAT	OR	ON	2004/03/25 11:08
S36	5202	card WITH (antenna or RF or frequency)	USPAT	OR	ON	2006/02/26 12:35
S37	5	(card WITH (antenna or RF or frequency)) and (remote near ticket\$)	USPAT	OR	ON	2004/03/25 11:36
S38	17	(smart near card) and provision\$ near record\$	USPAT	OR	ON	2004/03/25 11:36
S39	1	((((contactless near card) and ticket\$) and record\$) and (forego or void\$ or null\$)	USPAT	OR	ON	2004/03/25 12:16
S40	4170	record\$ WITH (null\$ or void\$ or discard\$)	USPAT	OR	ON	2004/03/25 12:16
S41	71	(smart near card) and (record\$ WITH (null\$ or void\$ or discard\$))	USPAT	OR	ON	2004/03/25 12:16

## EAST Search History

S42	0	((smart near card) and (record\$ WITH (null\$ or void\$ or discard\$))) and (remote near ticket\$)	USPAT	OR	ON	2004/03/25 14:45
S43	55	((smart near card) and (record\$ WITH (null\$ or void\$ or discard\$))) and remote	USPAT	OR	ON	2004/03/25 12:17
S44	40	((smart near card) and (record\$ WITH (null\$ or void\$ or discard\$))) and ticket\$	USPAT	OR	ON	2004/03/25 12:17
S45	55	remote near ticket\$	USPAT	OR	ON	2004/03/25 14:45
S46	14	(remote near ticket\$) and smart near card	USPAT	OR	ON	2004/03/25 14:45
S47	13	((remote near ticket\$) and smart near card) and record\$	USPAT	OR	ON	2004/03/25 14:46
S48	1	((remote near ticket\$) and smart near card) and record\$) and discard\$	USPAT	OR	ON	2004/03/25 14:48
S49	1	((remote near ticket\$) and smart near card) and discard\$	USPAT	OR	ON	2004/03/25 14:51
S50	1	"4877945".pn.	USPAT	OR	ON	2004/03/25 15:02
S51	712	ticket\$ and (smart near card)	USPAT	OR	ON	2004/03/25 15:02
S52	458	(ticket\$ and (smart near card)) and remote	USPAT	OR	ON	2004/03/25 15:03
S53	153	((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$)	USPAT	OR	ON	2004/03/25 15:04
S54	148	((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$) and (record\$ or writ\$)	USPAT	OR	ON	2004/03/25 15:14
S55	148	((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$) and (record\$ or writ\$) and (remote or RF or frequency or radio)	USPAT	OR	ON	2004/03/25 15:19
S56	15	((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$) and (record\$ or writ\$) and (remote or RF or frequency or radio) near card	USPAT	OR	ON	2004/03/25 15:18
S57	15	((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$) and (record\$ or writ\$) and ((remote or RF or frequency or radio) near card)	USPAT	OR	ON	2004/03/25 15:18

## EAST Search History

S58	58	(((((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$)) and (record\$ or writ\$)) and (rRF or frequency or radio)	USPAT	OR	ON	2004/03/25 15:19
S59	64	(((((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$)) and (record\$ or writ\$)) and (RF or frequency or radio)	USPAT	OR	ON	2004/03/25 15:19
S60	1	"5869825".pn.	USPAT	OR	OFF	2004/12/10 11:47
S61	1	S60 and provision\$	USPAT	OR	OFF	2004/12/10 11:48
S62	1	S60 and temporar\$	USPAT	OR	OFF	2004/12/10 11:57
S63	351	contactless near2 card	USPAT	OR	OFF	2004/12/10 11:57
S64	501	contactless near2 card	USPAT	OR	ON	2004/12/10 12:10
S65	20021	(temporar\$ or Provision\$) WITH (record\$ or saving or save)	USPAT	OR	ON	2004/12/10 12:10
S66	0	S64 same S65	USPAT	OR	ON	2004/12/10 12:01
S67	4	S64 and S65	USPAT	OR	ON	2004/12/10 12:01
S68	48	contactless near2 card.ti.	USPAT	OR	ON	2004/12/10 12:10
S69	10	S68 and (temporar\$ or Provision\$)	USPAT	OR	ON	2004/12/10 12:33
S70	177	S64 and (temporar\$ or Provision\$)	USPAT	OR	ON	2004/12/10 12:35
S71	0	S70 and finalizing and discar\$	USPAT	OR	ON	2004/12/10 14:01
S72	7	S70 and confirm\$ and discar\$	USPAT	OR	ON	2004/12/10 14:01
S73	1	"5856659".pn.	USPAT	OR	OFF	2005/06/23 13:49
S74	274443	(card or (memory adj card) or token or smartcard or (smart adj card) or IC or (IC adj card))	USPAT	OR	ON	2006/02/26 12:45
S75	12	S74 WITH provisional\$ WITH record\$	USPAT	OR	ON	2006/02/26 12:51
S76	34	confirm\$ WITH data WITH prior WITH record\$	USPAT	OR	ON	2006/02/26 12:54
S77	9	S74 and S76	USPAT	OR	ON	2006/02/26 12:54
S78	12	authentica\$ WITH data WITH prior WITH record\$	USPAT	OR	ON	2006/02/26 12:54
S79	9	S74 and S78	USPAT	OR	ON	2006/02/26 12:54
S80	19	grieu near francois	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/03/01 09:07
S81	275040	(card or (memory adj card) or token or smartcard or (smart adj card) or IC or (IC adj card))	USPAT	OR	ON	2006/03/01 09:08

## EAST Search History

S82	2	S81 WITH finaliz\$ WITH (change or modif\$)	USPAT	OR	ON	2006/03/01 09:09
S83	16	S81 WITH finaliz\$ WITH (change or modif\$ or record\$)	USPAT	OR	ON	2006/09/02 17:09
S84	28	S81 WITH finaliz\$ WITH (change or modif\$ or record\$ or data)	USPAT	OR	ON	2006/03/01 09:12
S85	7367	S81 WITH data WITH record\$	USPAT	OR	ON	2006/03/01 09:13
S86	96	S81 WITH authenticat\$ WITH data WITH record\$	USPAT	OR	ON	2006/03/01 09:52
S87	3858	S81 WITH (delet\$ or remov\$) WITH data	USPAT	OR	ON	2006/03/01 09:52
S88	414	S81 WITH (delet\$) WITH data	USPAT	OR	ON	2006/03/01 09:53
S89	138	S81 near3 (delet\$) near3 data	USPAT	OR	ON	2006/03/01 09:53
S90	5	S81 WITH (delet\$) WITH unauthoriz\$ WITH data	USPAT	OR	ON	2006/03/01 09:55
S91	13	S81 WITH (delet\$ or removing or removed or remove) WITH unauthoriz\$ WITH data	USPAT	OR	ON	2006/03/01 10:26
S92	1	"6477511".pn. and (delet\$ or removing or removed or remove)	USPAT	OR	ON	2006/03/01 10:24
S93	6	S81 WITH (delet\$ or removing or removed or remove) WITH forg\$ WITH data	USPAT	OR	ON	2006/03/01 10:27
S94	0	S81 WITH (delet\$ or removing or removed or remove) WITH fals\$ WITH fund	USPAT	OR	ON	2006/03/01 10:28
S95	12	S81 WITH (delet\$ or removing or removed or remove) WITH counterfeit\$	USPAT	OR	ON	2006/03/01 10:32
S96	93	S81 WITH pirat\$	USPAT	OR	ON	2006/03/01 10:32
S97	1010978	(IC or \$card or card)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:12
S98	570	S97 WITH (finaliz\$ approv\$ authenticat\$) WITH (change modif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:19
S99	55	S97 near3 (finaliz\$ approv\$ authenticat\$) near3 (change modif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:47
S100	20	S99 and (reject\$ discard\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:13

## EAST Search History

S10 1	288	S97 near3 authenticat\$ near3 record\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:20
S10 2	0	S97 near3 authenticat\$ near3 provision\$ near3 record\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:20
S10 3	0	S97 near3 (finaliz\$ ) near3 (change modif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:48
S10 4	0	S97 near3 (finaliz\$) near3 (change modif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:48